

Title (en)

ELECTRODE BINDER COMPOSITION FOR LITHIUM ION ELECTRICAL STORAGE DEVICES

Title (de)

ELEKTRODENBINDEMITELEZUSAMMENSETZUNG FÜR LITHIUM-IONEN-STROMSPEICHERVORRICHTUNGEN

Title (fr)

COMPOSITION DE LIANT D'ÉLECTRODE POUR DES DISPOSITIFS DE STOCKAGE ÉLECTRIQUE AU LITHIUM ION

Publication

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Application

**EP 20177529 A 20200529**

Priority

EP 20177529 A 20200529

Abstract (en)

The present invention relates generally to the field of electrical energy storage in the lithium storage batteries of Li-ion type. More specifically, the invention relates to a binder for Li-ion battery positive electrode, to a method of preparation of said electrode and to its use in a Li-ion battery. Another subject matter of the invention is the Li-ion batteries manufactured by incorporating this electrode material.

IPC 8 full level

**H01M 4/04** (2006.01); **H01M 4/136** (2010.01); **H01M 4/62** (2006.01); **H01M 10/0525** (2010.01)

CPC (source: EP KR US)

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Citation (applicant)

US 2017373319 A1 20171228 - ENDO KOJI [JP], et al

Citation (search report)

- [X] US 2015017532 A1 20150115 - IGUCHI TAKASHI [JP], et al
- [X] US 2019296359 A1 20190926 - ASANO KAZUYA [JP], et al
- [X] JP 2018060745 A 20180412 - DAIKIN IND LTD

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Designated extension state (EPC)

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DOCDB simple family (application)

**EP 20177529 A 20200529**; CN 202180039012 A 20210524; EP 21814408 A 20210524; JP 2022573250 A 20210524; KR 20227043175 A 20210524; TW 110119549 A 20210528; US 2021033808 W 20210524; US 202117926155 A 20210524